



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

DEC 11 2012

Certified Mail-Return Receipt Requested

Article Number: 7005 3110 0000 5952 8037

Mr. John Goodwin, Village Manager
Village of Scarsdale
1001 Post Road
Scarsdale, New York 10583

Re: MS4 Inspection-Village of Scarsdale
NPDES Permit No. NYR20A307

Dear Mr. Goodwin:

This letter is in reference to the United States Environmental Protection Agency's ("USEPA") Region 2's MS4 Compliance Evaluation Inspection ("CEI") conducted at the subject facility on November 26-27, 2012. The inspection was performed to determine the facility's compliance with the New York State Municipal Stormwater General Permit GP-0-10-002.

During the inspection, we noted some areas, both at the Central Garage, and during the outfall survey, that will need to be corrected. Within thirty (30) calendar days of receipt of this letter, please respond to the USEPA in writing with the actions you have taken or will take to address the Potential Non-Compliance/Area(s) of Concern identified in the enclosed inspection report.

We want to express our sincere thanks to Eric Geringer for his assistance provided during our MS4 field part of the inspection.

Should you have any questions feel free to contact Messrs. Jerry Ciotola, at (212) 637-4323 or Robert Ferri at (212) 637-4227.

Sincerely yours,

A handwritten signature in black ink, appearing to read "D. Mckenna", written over a horizontal line.

Mr. Douglas Mckenna, Chief
Water Compliance Branch

Enclosure

cc: Joe DiMura, P.E., Director, Bureau of Water Compliance Programs, NYSDEC
Patrick Ferricane, NYSDEC Region 3, NYSDEC



United States Environmental Protection Agency
Washington, D.C. 20460
Water Compliance Inspection Report

Form Approved.
OMB No. 2040-0057

Section A: National Data System Coding (i.e., PCS)

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N	NYR20A307	12 1 2 1 2 0 5 17	-	R	1
Remarks					
21					
Inspection Work Days	Facility Self-Monitoring Evaluation Rating	B1	QA	Reserved	
67 2		71	72	73	74 75

Section B: Facility Data

Name and Location of Facility inspected (for industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entry Time/Date	Permit Effective Date
Village of Scarsdale 1001 Post Road Scarsdale, New York 10583	11/26/12 (10:30 am)	N/A
	Exit Time/Date	Permit Expiration Date
	11/27/12 (3:30pm)	N/A
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data	
John Goodwin, Assistant Village Manager Tel. (914) 722-1231 Village Hall, 1001 Post Road, Scarsdale NY 10583	MS 4 Inspection	
Name, Address of Responsible Official/Title/Phone and Fax Number(s)		
Miriam L. Flisser 10 Lockwood Rd Scarsdale, NY (914) 722-1110		
	Contacted	
	X Yes No	

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input type="checkbox"/>	Permit	<input type="checkbox"/>	Flow Measurement	<input type="checkbox"/>	Operations & Maintenance	<input type="checkbox"/>	CSO/SSO (Sewer Overflow)
<input checked="" type="checkbox"/>	Records/Reports	<input type="checkbox"/>	Self-Monitoring Program	<input type="checkbox"/>	Sludge Handling/Disposal	<input type="checkbox"/>	Pollution Prevention
<input checked="" type="checkbox"/>	Facility Site Review	<input type="checkbox"/>	Compliance Schedules	<input type="checkbox"/>	Pretreatment	<input type="checkbox"/>	Multimedia
<input checked="" type="checkbox"/>	Effluent/Receiving Water	<input type="checkbox"/>	Laboratory	<input checked="" type="checkbox"/>	Storm Water MS4	<input checked="" type="checkbox"/>	Other: STP's

Section D: Summary of Findings/Comments (Attach additional sheets of narrative and checklists as necessary)

See Attached Report.

Also present on site:
Robert Ferri, Environmental Protection Agency, R2-WCB (212) 637-4227

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers	Date
 Jerry Ciotola, Env. Eng.	EPA/DECA-WCB (212) 637-4223/FAX:x4211	12/5/12
Signature of Management Q/A Reviewer	Agency/Office/Phone and Fax Numbers	Date
Douglas McKenna, Chief, WCB	EPA/DECA-WCB/(212) 637-4229/FAX:x4211	

**MS4 Inspection Report/Village of Scarsdale, NY
(NYR20A307) – November 26-27, 2012**

Location: Village of Scarsdale, Westchester County, NY

Outlet Location: Bronx River, Hutchinson River, tributaries to upper Sheldrake drainage basin (Long Island Sound)

Weather Conditions: Weather for the inspection period was mild; dry (Day 1),
Some light precipitation; wet with snow flurries (Day 2)

Background

The Village of Scarsdale is located in the south area of Westchester County, New York with a population of 17,166 based on the year 2010 census. The population density was approximately 2,600 people per square mile (1,000/km²).

Scarsdale is bordered on the south by Eastchester and the City of New Rochelle, the Bronx River Parkway to the west and the Hutchinson River Parkway to its east, and the City of White Plains just north. The Village has a total land area of 6.6 sq. miles. The highway network consists of approximately 79 miles of Village maintained highways and 10 miles of county and state maintained highways. The Village is primarily a residential community made up mostly of single family homes with two business areas to the east and western part of the Village.

The main water body to which stormwater flows is Long Island Sound by way of the Bronx, Mamaroneck, and Hutchinson Rivers. The New York State Department of Environmental Conservation identifies water quality related problems on its 303d List (Individual Waterbody's with Impaired Segments) as pollution due to Dissolved Oxygen/Oxygen Demand and Pathogens in the Hutchinson River and Oil/Grease, Dissolved Oxygen / Oxygen Demand and Pathogens in the Bronx River. Silt/sediment, pathogens and nutrients are pollutants of concern for the Mamaroneck River. Scarsdale has separate stormwater conveyance system which consists of storm water outfalls, catch basins, and interconnecting pipes maintained by the Public Works Department. There are no onsite systems within the Village. Two large detention basin projects were in the final stages of completion, with an emphasis on preventing major flooding during significant rainfall events.

The Village's Storm Water Management Plan was prepared by the consultant, Dolph Rotfeld Engineering (revised November 2012). According to the most recent MS4 Annual Report to NYSDEC, ending March 9, 2012, the Village has a total of (43) storm water outfalls draining to the Bronx, Sheldrake and Hutchinson Rivers. Upon inspecting the Village outfalls, officials indicated that some outfalls were not terminal outfalls, and would not be part of the inspection. In addition, an outfall on 104 Palmer Ave should be added to the mapping. Village officials advised inspectors that the mapping will be revised.

Introduction

On November 26, 2012, a briefing meeting was held with Village officials that included Mike Ritchie and James Maxwell of Dolph Rotfeld Engineering. Scarsdale was represented by John D. Goodwin, Village Manager, Stephen M. Pappalardo, Deputy Village Manager and Eric P. Gerring, Deputy Superintendent of Public Works.

During the meeting, we had the opportunity to discuss general requirements of the MS4 permit, and focus on Part VIIA detailing Illicit Discharge Detection and Elimination (IDDE) and SWMP development and implementation. The Village started development of their Stormwater Management Plan on November 7, 2003. James Maxwell and Mike Richie gave a brief overview of Scarsdale's storm water system, and provided detailed mapping information contained on a CD. All of Scarsdale's stormwater outfalls were GPS field verified and mapped in February 2007.

The purpose of EPA's NPDES MS4 inspection was to identify potential sources of pathogens and illicit discharges that might impact water quality in the area which includes Long Island Sound. The EPA inspection team consisted of Jerry Ciotola and Robert Ferri, of EPA Region 2. The initial meeting was held at the Village's offices at 1001 Post Road, followed by an inspection of the Village of Scarsdale Central Garage, Public Works Department, and Transfer Station on November 26, 2012. While there was still dry weather inspectors went to all potential dry weather overflow sites. We followed up the next day to complete outfall inspections. The entire MS4 inspection consisted of the municipal garage areas, all Village stormwater outfalls, and two detention basins, George Field Park and Cooper Green. The brief exit meeting was held on November 27, 2012.

Village of Scarsdale Central Garage 25 Ramsey Road, Scarsdale NY

Scarsdale's Central Garage encompasses vehicle and equipment storage, maintenance (two locations within the facility) repair and refueling. The central garage also houses a school bus parking facility adjacent to the DPW building. All drainage within the two maintenance garages at this site is conveyed to an oil/water separator, pumped out, and trucked by EnviroWaste. Stormwater drainage within the yard boundaries is conveyed to the Sheldrake.

There is a shop parts washer (picked up by Envirowaste), millings are collected and landfilled. Absorbents such as "Speedy-dri" are used for oil/lubricant/solvent spills onsite. EPA inspectors did not observe spill packs at the fueling island or garage areas. Vehicle washing is conducted both inside and outside, grey water passes thru the oil/water separators, and ultimately to the sanitary collection system.

Gasoline (10,000 gal) and diesel (8,000 gal) are in double-walled above ground tanks and other fluids (waste oil, antifreeze) are stored in contained above ground storage tanks.

Salt storage is in covered sheds. Liquid calcium chloride for de-icing is stored onsite next to the salt shed.

Transfer Station

110 Secor Road, Scarsdale NY

We observed tree cutting/mulching operations onsite, with approximately 4,000 tons of cuttings since Hurricane Sandy. At the materials/temporary storage area inspectors observed some washout/tracking of salt (de-icing) where salt is loaded and unloaded to vehicle spreaders. In this area piles of cold patch (asphalt) are stockpiled, and should be covered to prevent spillover.

Village of Scarsdale, NY

On November 26th (River Road outfalls) and the 27th, 2012 an inspection of all discrete Village outfalls was conducted by EPA inspectors Jerry Ciotola and Robert Ferri, accompanied by Eric P. Gerringer, DPW. The inspection consisted of visually surveying every outfall that discharged to surface water. Flows from Scarsdale's storm sewer system drain on the west to the Bronx River watershed, and on the east to the headwaters of the Hutchinson and Sheldrake. All of Scarsdale's separate storm water system wet weather flows are by gravity.

Recommendations (Areas of Concern)

1. Ensure that all flows from vehicle wash down areas are fully controlled by consolidating wash down to indoor garage locations only. All wash waters must be restricted to discharge to the sanitary sewer system.
2. Control of de-icing material spillage from loading vehicles should be restricted to a bermed area near the salt shed, rather than the current materials stockpile location to minimize tracking and exposure to the storm system due to rain events.
3. During bulk fueling operations (gasoline and diesel tanks), yard drains should be blocked to prevent contamination in the event of a spill.
4. Upon inspection of a catch basin on Greendale Road (adjacent to Green Field Park) inspectors noted a corrugated PVC pipe (apparently from a private dwelling) entering directly thru the top cover. In addition the metal of the catch basin was broken.

Outfalls that could be a source of illicit discharges

Outfall H3, 26 and 30 East Woods Road, Latitude 40.982755 Long -73.788876, 12" concrete pipe. At this location there existed a strong smell of sewage which is indicative of a surcharged or blocked sanitary line in the area. The storm water catch basins on this street should also be sampled, and service connection smoke/dye tested (if possible).

Outfall H4, at the intersection of Southwoods Lane and East Woods Rd, Latitude 40.981186 Long.-73.790387 (27x 43" corrugated steel pipe behind the residence).

Outfall B7H, in the vicinity of the Scarsdale High School, Latitude 40.993817 Long.-73.795854 (a good portion of the stream was exhibiting septicity, sheens of oil/grease, etc.

Outfall BR11, off River Road, left side, Latitude 41.016965 Long.-73.789104, 54" reinforced concrete pipe (sampled with analysis provided by Westchester County in 2008 and reported very high coliform results).

Outfall BR12, off River Road, residential, Latitude 41.018102 Long.-73.788051, 24" concrete pipe (sampled with analysis provided by Westchester County in 2008 and reported very high coliform results).

Outfall S3, 104 Palmer Ave, behind the Scarsdale Central Garage, Latitude 40.990369 Long. - 73.764007, 36 reinforced concrete pipe, enters into a surface tributary, with analysis provided by Westchester County in 2012 (unusually high solids).

Dry Weather overflow outfalls noted during the MS4 Inspection

Outfall BR7, River Road, 36" corrugated metal, Latitude 40.990441 Long.-73.808778 9, flows drain from the downtown area

Outfall S2, Quaker Ridge Golf Course, open channel, Latitude 40.963827 Long.-73.763563, some natural scum visible in stream

Outfall H2, #20 Forest near Drake, 36" concrete, Latitude 40.984866 Long.-73.787517, unmapped PVC pipes in the vicinity of this outfall

Outfall H14, north of #6 Tauton Rd, 36" concrete pipe, Latitude 40.984973 Long.-73.800363, unmapped 10" corrugated pipe in the vicinity of the outfall

Outfall BB1, Black Birch and Saxon Woods, 24" concrete, recently lined, close to the White Plains border

Outfalls Inspected on November 26-27, 2012 by EPA Inspectors Robert Ferri and Jerry Ciotola

Municipality: Scarsdale (NY), NY NYR20A307

Inspectors: Jerry Ciotola and Robert Ferri

Inspection Dates 11/26-27/2012
11/26-26/2012 Saturday to Monday was dry
11/27/2012 Tuesday was snowy and raining

Monday November 26, 2012

Observations

ID # street # cross streets site name	Outfall ID	pipe material	height-width diameter	water	EPA will sample	Notes	village		EPA	
							Latitude	Longitude	Latitude	Longitude
B12, River Road		concrete	18"	dry	*	small residential drains visible	41.018102	-73.780511	41.01044	
B7, River Road		corrugated metal	36"	some flow	*	receives downtown area flows, picture on Bronx River Conservatory property	40.930441	-73.808778	40.592525	
B4 Garth Road		clay	24"	dry			40.988175	-73.810376		
B5, Garth Road		concrete	30"	trickle			40.988175	-73.810376		
B5, Garth and Popham Road		concrete	12"	dry		under bridge	40.988867	-73.810074		
B16, Garth and Depot		concrete	12"	dry			40.989644	-73.808703		
B11, beginning of River Road		concrete	54"	no flow	*	partly submerged	41.016965	-73.789104		
S1, Harry Winston Esate		open channel		no flow		headwater of Sheldrake	40.966774	-73.760491		
S2, Quaker Ridge Golf Course		open channel		flowing		some natural scum visible	40.963827	-73.763563		
B9A, Green Acres		corrugated metal	18"	no flow		discharge from Hartsdale train station	41.011598	-73.793163		
B9B		concrete	24"	trickle			41.011177	-73.793752		

Tuesday, November 27, 2012

H2, #20 Forest near Drake		concrete	36"	flowing	*	small corrugated pipe connected, plus 2 pvc pipes	40.984866	-73.787517		
H3, #26, #30 East Woods Road		concrete	12"		*	strong smell of sewage. Opened manhole	40.982755	-73.788876	40.53578	
H4, South Woods and East Woods		concrete	27x43"		*	roof drains to catch basin	40.981186	-73.790367		
H5, dead end Barry Road		concrete	24"	submerged			40.980561	-73.790822		
H5, dead end Tunstall		concrete	24"			could not observe, County trunk line	40.979886	-73.791102		
H7, #310 Boulevard at New Rochelle boarder		concrete	24"			near culvert, some oil staining	40.977744	-73.790571		
H8, #107 Sprange Road		concrete	16"			near New Rochelle boarder	40.976076	-73.791712		
H14		concrete	36"	flowing	*	noticed another 10" corrugated pipe nearby	40.984973	-73.800363		
B7H		concrete	18"			bank eroding, noticed oil boom	40.993817	-73.795854		
B81, Black Birch and Saxon Woods		concrete	24"	flowing	*	recently lined, near White Plains				

Notes:

- near small wood bridge
- Scarsdale/Mamaroneck boarder
- catch basins that have big openings can be a safety issue. DE painted on manhole
- County inserted oil booms on this street., there may be collapsed lines, there have been surcharged lines on this street
- near Scarsdale Public School District building, noted sediment in stream

PHOTOGRAPH LOG (Panasonic Lumix L8Z)

Village of Scarsdale, NY (Unedited photos taken by Jerry Ciotola, Environmental Engineer, USEPA Region 2, Water Compliance Branch, November 26-27, 2012)



Salt tracking during loading at materials storage area



Excessive salt tracking during loading at materials storage area



Excessive salt tracking during loading at materials storage area



Dry weather overflow along River Road



Background levels of scum in stream



Corrugated pipe from residence illegally connected to catch basin



End of line sanitary catch basin with evidence of sewage break near 26 Eastwoods Lane



Catch basin adjacent to corner of Eastwoods and Southwoods Lane with strong sewer odor



Mapped outfall behind 26 Eastwoods Lane



Unmapped PVC pipe from a residential connection to stream near Forest Lane & Drake Rd.